

Annual report 2022 for Flagship Pilot Study on Convection over Europe and the Mediterranean (FPSCONV)

Status and progress during the year including scientific highlights, end to end perspective and participants engaged in the project

2022 marks the end of FPSCONV. However, work continues towards finalizing publications for the special issue in Climate Dynamics and publishing our simulations on ESGF. An FPS-themed EGU2023 session will again be held, <https://meetingorganizer.copernicus.org/EGU23/session/45518>. The final GA was held in Prague from Nov. 30 – Dec. 2. It was a hybrid meeting with over 45 participants. In addition to scientific presentations and long discussions on technical aspects related to publishing our ensemble on ESGF we also had discussions on the legacy of FPSCONV. The result of these were the following actions, which will be taken throughout 2023:

- Fold the legacy discussion into a set of recommendations/perspectives to share with CORDEX (SAT, Euro-CORDEX, Med-CORDEX, other FPS)
- Develop an FPSCONV fact sheet: aim to release concurrently with publication on ESGF (have a dissemination plan)
- Publish an FPSCONV data paper (e.g. Scientific Data, <https://www.nature.com/sdata/>) 2000-3000 words. Check the DOI issue for the dataset.
- Lead a perspectives paper that focuses on priorities for community over the next 5-10 years.

Summary of each workshop/activity held during the year

Title, date, short description, location, website, links	Responsible person/-s	Funder
Annual Meeting (30, Nov. – 2, Dec. 2022), Prague, Czechia (hybrid). Link to meeting GoogleDrive folder here .	Erika Coppola, Stefan Sobolowski	n/a

Related publications during the year

Title, journal and link to publication	Author/-s	Date
List of FPS-related journal articles can be found here .		

Planned activities for next year

- Close Special Issue in Climate Dynamics.
- Convene FPS-related EGU session CL4.2 “Local scale climate impacts processes and extremes”
- Publish data on ESGF (in-progress).
- Submit final project report/legacy in the form of a white paper with recommendations/perspectives to share with CORDEX (SAT, Euro-CORDEX, Med-CORDEX, other FPSs)
- Fact sheet: aim to release concurrently with publication on ESGF (have a dissemination plan)
- Data paper (e.g. Scientific Data, <https://www.nature.com/sdata/>) 2000-3000 words.

Additional relevant information

Contact person/-s

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